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EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

SEPTEMBER, 1986

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS AND EARNINGS
Volume 36, Number 9

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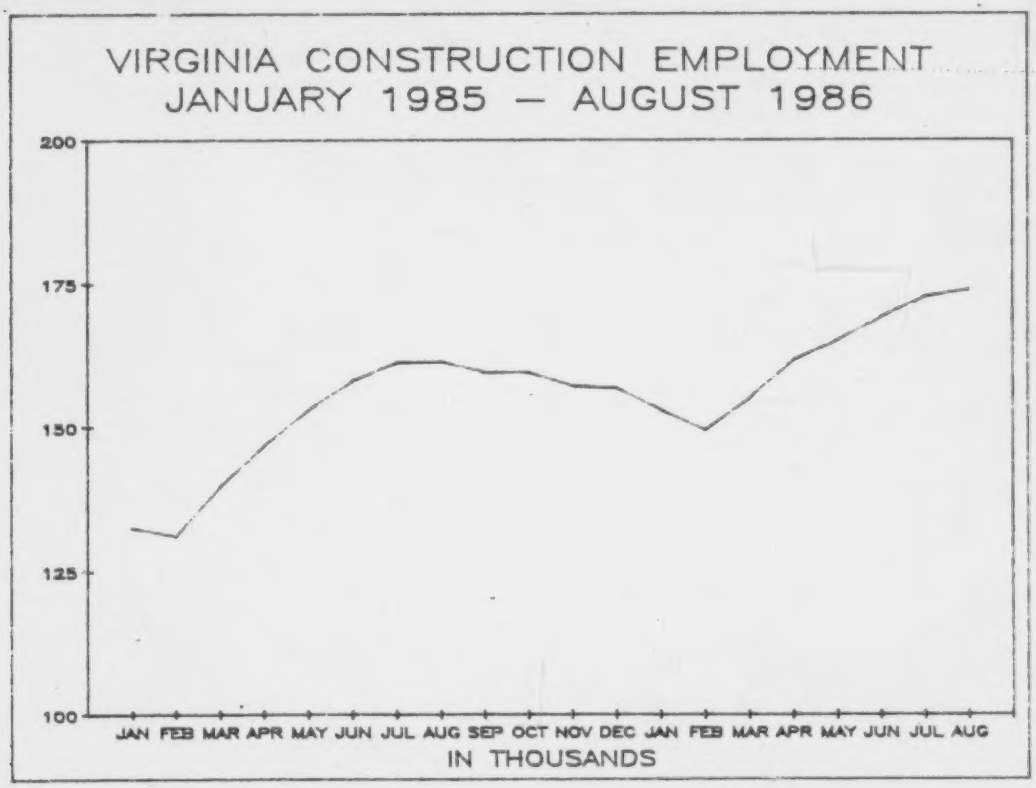
SEVERAL INDUSTRIES REACH ALL-TIME HIGHS DURING AUGUST 1986

TOTAL NONAGRICULTURAL EMPLOYMENT ROSE SLIGHTLY DURING AUGUST TO REACH A LEVEL OF 2,536,500 PEOPLE ON PAYROLLS ACROSS THE STATE. This represented a gain of 2,300 workers over the month and 89,600 additional employees since August 1985. Most of the major industries shared in the trend. Manufacturing; construction; transportation and public utilities; and finance, insurance, and real estate reached all-time highs. Services, mining, and government were the only divisions in the minus column during this period.

NONMANUFACTURING EMPLOYMENT DECREASED BY 400 PEOPLE DURING THE MONTH -- 2,107,100 PEOPLE REMAINED IN THIS CATEGORY. However, employment over the year has advanced by 83,800 new helpers. Activity continues to lessen in the mining sector. Temporary shutdowns in this industry are responsible for the trend. Services employment ebbed slightly, mostly due to seasonal employers. Auto repair and garage services; amusement and recreation; and educational services shared in the decline. A loss of 300 wage earners left 572,900 people in the services workforce. A pickup of 23,200 people has been noted in this area since August 1985. Government employment also reported declines due to the seasonal factors in state and local educational facilities. Federal government also had downward movement with a drop of 1,200 workers. Overall, there were 3,200 less employees in this industry which resulted in a total of 495,400 workers.



ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1986	JULY 1986	AUG. 1985	NET CHANGE FROM JULY 1986	AUG. 1985
TOTAL NONAGRICULTURAL	2,536.5	2,534.2	2,446.9	2.3	89.6
MANUFACTURING	429.4	426.6	423.6	2.8	5.8
DURABLE GOODS	205.4	204.8	202.8	.6	2.6
LUMBER AND WOOD PRODUCTS	24.8	24.7	23.2	.1	1.6
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.0	7.9	7.0	.1	1.0
WOOD CONTAINERS	1.7	1.7	1.7	.0	.0
FURNITURE AND FIXTURES	24.1	24.0	24.0	.1	.1
HOUSEHOLD AND OFFICE FURNITURE	22.9	22.7	22.8	.2	.1
STONE, CLAY & GLASS PRODUCTS	16.1	15.8	15.0	.3	1.1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.5	7.4	7.1	.1	.4
PRIMARY METAL INDUSTRIES	10.6	10.4	11.0	.2	-.4
FABRICATED METAL PRODUCTS	18.7	18.8	19.1	-.1	-.4
FABRICATED STRUCTURAL METAL PRODUCTS	11.6	11.6	11.7	.0	-.1
MACHINERY EXCEPT ELECTRICAL	15.9	16.0	15.6	-.1	.3
CONSTRUCTION AND RELATED MACHINERY	4.4	4.4	4.2	.0	.2
SPECIAL INDUSTRY MACHINERY	1.6	1.7	1.8	-.1	-.2
ELECTRIC & ELECTRONIC EQUIPMENT	42.8	42.9	43.1	-.1	-.3
COMMUNICATION EQUIPMENT	18.5	18.6	17.6	-.1	.9
TRANSPORTATION EQUIPMENT	45.0	44.9	44.7	.1	.3
INSTRUMENTS & RELATED PRODUCTS	3.9	3.9	3.9	.0	.0
MISC. MANUFACTURING INDUSTRIES	3.5	3.5	3.2	.0	.3
NONDURABLE GOODS	224.0	221.8	220.8	2.2	3.2
FOOD & KINDRED PRODUCTS	38.8	38.0	38.3	.8	.5
MEAT PRODUCTS	13.6	13.4	12.8	.2	.8
DAIRY PRODUCTS	2.3	2.4	2.4	-.1	-.1
BEVERAGES	5.7	5.7	5.6	.0	.1
TOBACCO MANUFACTURES	14.6	14.1	15.4	.5	-.8
TEXTILE MILL PRODUCTS	44.1	43.6	42.4	.5	1.7
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	14.5	14.3	15.0	.2	-.5
NARROW FABRIC MILLS	1.3	1.3	1.1	.0	.2
KNITTING MILLS	20.4	20.2	17.8	.2	2.6
TEXTILE FINISHING EXCEPT WOOL	3.1	3.0	3.4	.1	-.3
MISC. TEXTILE GOODS	1.4	1.4	1.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.8	29.9	29.9	-.1	-.1
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.2	10.3	10.4	-.1	-.2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.0	16.3	15.5	-.3	.5
PAPER & ALLIED PRODUCTS	15.9	15.9	15.9	.0	.0
PULP, PAPER & PAPERBOARD	8.3	8.3	8.3	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.2	7.2	7.2	.0	.0
PAPERBOARD CONTAINERS AND BOXES	3.9	3.9	3.9	.0	.0
PRINTING AND PUBLISHING	30.6	30.5	29.6	.1	1.0
NEWSPAPER AND PERIODICALS	13.0	12.9	11.9	.1	1.1
COMMERCIAL PRINTING	11.5	11.7	11.8	-.2	-.3
CHEMICALS & ALLIED PRODUCTS	31.1	31.0	30.7	.1	.4
PLASTICS MATERIALS AND SYNTHETICS	17.7	17.7	17.7	.0	.0
MISC. CHEMICAL PRODUCTS	5.3	5.3	5.2	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	16.5	16.7	15.7	-.2	.8
MISC. PLASTICS PRODUCTS	10.1	10.2	9.3	-.1	.8
LEATHER & LEATHER PRODUCTS	2.6	2.0	2.9	.6	-.3

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1986	JULY 1986	AUG. 1985	NET CHANGE FROM JULY 1986	AUG. 1985
NONMANUFACTURING	2,107.1	2,107.5	2,023.3	- .4	83.8
MINING	16.9	17.1	17.3	- .2	- .4
BITUMINOUS COAL AND LIGNITE MINING	14.2	14.4	14.5	- .2	- .3
CONSTRUCTION	173.8	172.6	161.4	1.2	12.4
TRANSPORTATION & PUBLIC UTILITIES	135.6	135.3	133.5	.3	2.1
RAILROAD TRANSPORTATION	11.7	11.7	12.2	.0	- .5
TRUCKING & WAREHOUSING	31.7	31.7	31.4	.0	.3
TRANSPORTATION BY AIR	18.5	18.4	17.2	.1	1.3
COMMUNICATION	37.8	38.0	38.5	- .2	- .7
ELECTRIC, GAS & SANITARY SERVICES	21.2	21.0	19.8	.2	1.4
WHOLESALE & RETAIL TRADE	578.7	577.9	547.6	.8	31.1
WHOLESALE TRADE	123.3	122.8	118.5	.5	4.8
WHOLESALE TRADE - DURABLE GOODS	78.1	78.0	75.7	.1	2.4
WHOLESALE TRADE - NONDURABLE GOODS	45.2	44.8	42.8	.4	2.4
RETAIL TRADE	455.4	455.1	429.1	.3	26.3
GENERAL MERCHANDISE STORES	60.5	60.4	58.5	.1	2.0
DEPARTMENT STORES	47.7	47.8	46.6	- .1	1.1
VARIETY STORES	11.1	11.0	10.3	.1	.8
FOOD STORES	71.0	71.6	68.2	- .6	2.8
AUTOMOTIVE DEALERS AND SERVICE STATIONS	53.6	53.5	52.2	.1	1.4
APPAREL & ACCESSORY STORES	22.8	23.1	23.5	- .3	- .7
FURNITURE AND HOME FURNISHING STORES	25.1	25.0	23.9	.1	1.2
EATING & DRINKING PLACES	146.9	146.4	131.2	.5	15.7
MISCELLANEOUS RETAIL	58.1	57.7	55.1	.4	3.0
FINANCE, INSURANCE AND REAL ESTATE	133.8	132.8	126.5	1.0	7.3
BANKING	34.6	34.4	34.0	.2	.6
CREDIT AGENCIES OTHER THAN BANKS	21.7	21.4	18.2	.3	3.5
SECURITY, COMMODITY BROKERS & SERVICES	3.6	3.6	3.5	.0	.1
INSURANCE CARRIERS	23.6	23.4	22.4	.2	1.2
REAL ESTATE	34.6	34.5	33.6	.1	1.0
SERVICES	572.9	573.2	549.7	- .3	23.2
HOTELS AND OTHER LODGING PLACES	43.6	43.4	41.2	.2	2.4
PERSONAL SERVICES	30.6	30.3	28.8	.3	1.8
BUSINESS SERVICES	148.7	148.4	142.6	.3	6.1
AUTO REPAIR SERVICES & GARAGES	16.5	16.7	16.0	- .2	.5
MISC. REPAIR SERVICES	7.4	7.4	7.1	.0	.3
MOTION PICTURES	3.2	3.2	3.4	.0	- .2
AMUSEMENT AND RECREATION SERVIC	21.1	21.4	21.4	- .3	- .3
HEALTH SERVICES	132.5	132.4	127.4	.1	5.1
HOSPITALS	68.2	68.0	65.0	.2	3.2
EDUCATIONAL SERVICES	22.3	22.5	22.0	- .2	.3
GOVERNMENT	495.4	498.6	487.3	- 3.2	8.1
FEDERAL GOVERNMENT	169.0	170.2	169.9	- 1.2	- .9
STATE & LOCAL GOVERNMENT	326.4	328.4	317.4	- 2.0	9.0
STATE GOVERNMENT	113.1	113.2	109.7	- .1	3.4
LOCAL GOVERNMENT	213.3	215.2	207.7	- 1.9	5.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1985 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

SEVERAL INDUSTRIES REACH ALL-TIME HIGHS DURING AUGUST 1986
(Continued from page 1)

CONSTRUCTION EMPLOYMENT WAS ENHANCED BY AN ADDITIONAL 1,200 HIRES. Increased activity in this industry coupled with good weather has caused levels to rise to a high of 173,800 for a yearly gain of 12,400. Transportation and public utilities also continued to be on the upswing side with a rise of 300 workers to reach 135,600 job holders statewide.

WHOLESALE AND RETAIL TRADE SUPPLEMENTED STAFFING BY ADDING 800 PEOPLE DURING THE MONTH AND 31,100 OVER THE YEAR TO REACH A TOTAL OF 578,700 EMPLOYEES. Most of the sections displayed new growth. Finance, insurance, and real estate boosted staff levels by 1,000 to reach a new level of 133,800 persons. All sectors improved or held steady for the month.

MANUFACTURING EMPLOYMENT INCREASED MOMENTUM AS WORKERS INVOLVED IN SHUTDOWNS AND CLOSINGS WENT BACK ON THE JOB. An additional 2,800 people bolstered levels to 429,400 wage earners in August. A total of 5,800 have been added since last year.

THE 323,700 WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $357.94 IN AUGUST 1986. This was an increase of $2.74 from July 1986 and a gain of $15.14 over the year. Average weekly hours increased to 40.4 during the month. The over-the-month increase was four-tenths of an hour. Average weekly hours were also four-tenths of an hour longer than in August 1985. A loss of $.02 over the month put average hourly earnings at $8.86. This was $.29 more than the $8.57 earned in August 1985.

* * * * * *

THE CONSUMER PRICE INDEX - AUGUST 1986

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.2 PERCENT IN AUGUST 1986 TO A LEVEL OF 328.6 (1967 = 100). For the 12-month period ending in August, the CPI-U increased 1.6 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 0.2 percent in August. The August 1986 CPI-W level of 323.4 (1967 = 100) was 1.2 percent higher than the August 1985 index. The CPI for August 1986 will be released October 23, 1986, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1976–1985
JANUARY 1982 TO DATE
(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services	Government 1/
Annual Average									
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.8
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.8	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.8	460.4	106.1	418.3	506.8
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	480.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	496.1	506.0
1985	2,447.1	423.3	17.3	151.3	131.8	545.2	122.9	537.6	517.6
1982:									
January	2,104.1	400.8	24.1	93.4	117.0	452.0	104.4	413.5	499.0
February	2,104.3	400.8	23.8	94.1	116.8	447.1	104.5	416.7	500.5
March	2,115.1	398.1	24.0	96.8	116.7	447.2	104.7	422.2	505.4
April	2,149.2	397.4	24.6	102.9	118.8	456.1	106.1	432.8	510.8
May	2,160.4	396.3	24.0	107.0	119.8	460.6	106.9	436.1	510.7
June	2,180.2	397.6	22.5	108.3	120.7	463.6	108.6	444.6	514.3
July	2,152.9	396.6	21.9	109.6	119.8	466.0	108.9	446.7	484.3
August	2,153.9	396.0	21.6	109.1	120.5	467.4	108.8	446.8	483.8
September	2,159.2	398.1	21.3	108.1	120.0	467.7	108.0	445.4	490.6
October	2,156.1	398.2	20.5	106.7	119.8	467.8	106.9	440.0	496.2
November	2,160.4	395.0	19.6	106.1	119.2	472.8	107.3	437.2	503.3
December	2,161.2	392.9	17.8	103.5	119.2	480.9	107.5	436.9	502.4
1983:									
January	2,121.8	388.5	20.3	97.2	117.8	459.7	105.8	437.8	496.1
February	2,115.9	388.8	16.5	95.8	116.6	450.1	106.0	438.8	503.4
March	2,139.6	391.6	16.6	99.6	118.2	455.8	106.6	446.4	504.9
April	2,173.0	396.4	17.0	106.6	119.7	466.6	108.1	454.7	504.0
May	2,200.7	399.3	17.2	111.8	120.7	473.7	109.2	459.6	509.2
June	2,240.5	404.9	17.5	117.6	122.4	479.5	112.0	469.3	517.4
July	2,237.8	407.6	17.7	122.3	123.0	490.8	113.5	475.5	487.3
August	2,228.2	408.3	17.9	124.2	112.7	492.4	113.7	476.0	480.9
September	2,259.9	413.5	18.1	124.4	123.5	494.9	112.5	477.5	496.6
October	2,248.9	414.7	18.0	123.6	123.2	494.0	111.1	464.7	499.7
November	2,255.6	415.6	17.9	123.0	122.7	498.5	110.7	461.8	506.3
December	2,263.1	414.6	17.9	120.6	124.4	506.9	111.5	462.6	504.7
1984:									
January	2,238.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	489.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,362.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,361.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,392.6	422.9	17.2	139.6	128.8	525.1	119.5	520.7	518.9
April	2,418.2	421.9	17.1	146.7	129.9	530.5	120.5	530.4	521.0
May	2,449.7	421.1	17.4	152.9	131.8	541.8	122.2	537.9	524.6
June	2,481.2	423.1	17.6	158.0	133.3	548.2	124.6	547.5	529.0
July	2,443.1	417.9	17.6	161.2	133.7	549.2	126.3	548.9	488.3
August	2,446.9	423.6	17.3	161.4	133.5	547.6	126.5	549.7	487.3
September	2,479.3	426.3	17.4	159.4	133.1	549.3	124.7	549.1	520.1
October	2,498.7	426.8	17.3	159.4	133.3	560.6	124.2	550.3	526.8
November	2,507.3	425.6	17.2	157.0	132.9	569.5	124.7	548.7	531.6
December	2,522.9	425.9	17.1	156.7	134.0	580.7	124.7	550.3	533.3
1986:									
January	2,484.8	424.8	16.8	152.8	132.6	557.8	123.3	545.3	531.3
February	2,478.8	426.4	16.6	149.3	132.3	550.3	123.8	546.8	533.2
March	2,496.4	425.1	16.9	154.9	132.7	553.2	125.3	554.7	533.6
April	2,517.8	425.1	17.0	161.5	133.6	559.9	126.8	561.1	532.8
May	2,541.4	425.8	17.1	165.0	134.6	568.7	128.8	568.1	535.3
June	2,559.3	427.5	17.3	169.0	130.0	575.2	131.3	572.5	536.5
July	2,534.2	426.6	17.1	172.6	135.3	577.9	132.8	573.2	498.6
August	2,536.5	429.4	16.9	173.8	135.6	578.7	133.8	572.9	495.4

See footnote Table A-1.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1986	JULY 1986	AUG. 1985	NET CHANGE FROM JULY 1986	AUG. 1985
TOTAL NONAGRICULTURAL	1,123.0	1,122.7	1,072.7	.3	50.3
MANUFACTURING	150.1	148.9	147.9	1.2	2.2
DURABLE GOODS	52.5	52.5	52.1	.0	.4
LUMBER AND WOOD PRODUCTS	4.7	4.7	4.7	.0	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.4	2.4	2.2	.0	.2
WOOD CONTAINERS	0.2	0.2	0.4	.0	-.2
FURNITURE AND FIXTURES	8.6	8.6	8.6	.0	.0
HOUSEHOLD AND OFFICE FURNITURE	8.4	8.3	8.3	.1	.1
STONE, CLAY & GLASS PRODUCTS	2.4	2.3	2.1	.1	.3
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.5	.0	.1
PRIMARY METAL INDUSTRIES	2.1	2.2	2.1	-.1	.0
FABRICATED METAL PRODUCTS	3.5	3.5	3.5	.0	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.5	1.4	1.4	.1	.1
MACHINERY EXCEPT ELECTRICAL	2.8	2.9	2.9	-.1	-.1
CONSTRUCTION AND RELATED MACHINERY	0.6	0.6	0.6	.0	.0
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	18.2	18.2	18.6	.0	-.4
COMMUNICATION EQUIPMENT	8.4	8.4	8.1	.0	.3
TRANSPORTATION EQUIPMENT	6.7	6.8	6.4	-.1	.3
INSTRUMENTS & RELATED PRODUCTS	2.0	2.1	2.0	-.1	.0
MISC. MANUFACTURING INDUSTRIES	1.4	1.4	1.4	.0	.0
NONDURABLE GOODS	97.6	96.4	95.8	1.2	1.8
FOOD & KINDRED PRODUCTS	12.8	12.5	13.2	.3	-.4
MEAT PRODUCTS	5.6	5.5	5.3	.1	.3
DAIRY PRODUCTS	0.5	0.5	0.5	.0	.0
BEVERAGES	0.8	0.8	0.7	.0	.1
TOBACCO MANUFACTURES	4.4	4.2	5.0	.2	-.6
TEXTILE MILL PRODUCTS	25.7	25.3	24.4	.4	1.3
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	6.6	6.5	6.7	.1	-.1
NARROW FABRIC MILLS	0.7	0.7	0.6	.0	.1
KNITTING MILLS	15.0	14.8	13.5	.2	1.5
TEXTILE FINISHING EXCEPT WOOL	1.3	1.2	1.3	.1	.0
MISC. TEXTILE GOODS	0.5	0.5	0.5	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	26.4	26.7	26.0	-.3	.4
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.2	9.3	9.2	-.1	.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.9	15.3	14.5	-.4	.4
PAPER & ALLIED PRODUCTS	3.0	2.9	3.0	.1	.0
PULP, PAPER & PAPERBOARD	1.0	1.0	0.9	.0	.1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	2.0	2.0	2.0	.0	.0
PAPERBOARD CONTAINERS AND BOXES	0.8	0.8	0.8	.0	.0
PRINTING AND PUBLISHING	10.9	10.9	10.3	.0	.6
NEWSPAPER AND PERIODICALS	5.3	5.2	4.6	.1	.7
COMMERCIAL PRINTING	2.6	2.6	2.7	.0	-.1
CHEMICALS & ALLIED PRODUCTS	8.6	8.6	8.4	.0	.2
PLASTICS MATERIALS AND SYNTHETICS	4.7	4.7	4.6	.0	.1
MISC. CHEMICAL PRODUCTS	1.2	1.2	1.1	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.8	3.9	3.4	-.1	.4
MISC. PLASTICS PRODUCTS	2.9	3.0	2.5	-.1	.4
LEATHER & LEATHER PRODUCTS	1.9	1.4	2.2	.5	-.3

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG. 1986	JULY 1986	AUG. 1985	JULY 1986	AUG. 1985
NONMANUFACTURING	973.0	973.8	924.8	.8	48.2
MINING	0.9	0.9	0.9	0	0
BITUMINOUS COAL AND LIGNITE MINING	0.6	0.6	0.6	0	0
CONSTRUCTION	13.5	13.4	12.4	.1	1.1
TRANSPORTATION & PUBLIC UTILITIES	41.7	41.7	40.9	0	.8
RAILROAD TRANSPORTATION	1.5	1.5	1.6	.0	-.1
TRUCKING & WAREHOUSING	3.8	3.8	3.7	.0	.1
TRANSPORTATION BY AIR	7.5	7.4	6.8	.1	.7
COMMUNICATION	19.1	19.2	19.0	-.1	.1
ELECTRIC, GAS & SANITARY SERVICES	4.8	4.8	4.6	.0	.2
WHOLESALE & RETAIL TRADE	260.9	260.7	243.7	.2	17.2
WHOLESALE TRADE	32.0	31.8	30.7	.2	1.3
WHOLESALE TRADE - DURABLE GOODS	19.3	19.2	18.6	.1	.7
WHOLESALE TRADE - NONDURABLE GOODS	12.8	12.6	12.0	.2	.8
RETAIL TRADE	228.9	228.8	213.0	.1	15.9
GENERAL MERCHANDISE STORES	41.6	41.5	39.8	.1	1.8
DEPARTMENT STORES	32.4	32.4	31.3	.0	1.1
VARIETY STORES	8.1	8.0	7.3	.1	.8
FOOD STORES	30.3	30.6	28.7	-.3	1.6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	12.5	12.5	11.7	.0	.8
APPAREL & ACCESSORY STORES	16.2	16.4	16.3	-.2	-.1
FURNITURE AND HOME FURNISHING STORES	8.9	8.9	8.5	.0	.4
EATING & DRINKING PLACES	82.4	82.2	73.3	.2	9.1
MISCELLANEOUS RETAIL	33.3	33.0	31.2	.3	2.1
FINANCE, INSURANCE AND REAL ESTATE	81.1	80.3	75.2	.8	5.9
BANKING	25.8	25.7	25.3	.1	.5
CREDIT AGENCIES OTHER THAN BANKS	16.5	16.1	13.6	.4	2.9
SECURITY, COMMODITY BROKERS & SERVICES	1.8	1.7	1.6	.1	.2
INSURANCE CARRIERS	14.8	14.7	13.9	.1	.9
REAL ESTATE	13.9	13.9	13.2	.0	.7
SERVICES	322.4	322.8	307.1	-.4	15.3
HOTELS AND OTHER LODGING PLACES	25.1	25.0	23.7	.1	1.4
PERSONAL SERVICES	21.3	21.1	19.6	.2	1.7
BUSINESS SERVICES	61.6	61.5	59.1	.1	2.5
AUTO REPAIR SERVICES & GARAGES	3.3	3.3	3.2	.0	.1
MISC. REPAIR SERVICES	2.1	2.1	1.9	.0	.2
MOTION PICTURES	1.5	1.5	1.7	.0	-.2
AMUSEMENT AND RECREATION SERVICES	8.6	8.8	8.4	-.2	.2
HEALTH SERVICES	109.5	109.4	104.6	.1	4.9
HOSPITALS	56.8	56.7	53.8	.1	3.0
EDUCATIONAL SERVICES	13.0	13.2	12.2	-.2	.8
GOVERNMENT	252.4	254.0	244.7	-1.6	7.7
FEDERAL GOVERNMENT	69.2	69.8	68.8	-.6	.4
STATE & LOCAL GOVERNMENT	183.2	184.3	175.9	-1.1	7.3
STATE GOVERNMENT	55.7	55.7	54.2	.0	1.5
LOCAL GOVERNMENT	127.5	128.5	121.7	-1.0	5.8

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG. 1986	JULY 1986	AUG. 1985	NET CHANGE FROM JULY 1986	NET CHANGE FROM AUG. 1985
MANUFACTURING	323.7	320.9	318.1	2.8	5.6
DURABLE GOODS	153.2	152.5	150.5	.7	2.7
LUMBER AND WOOD PRODUCTS	21.5	21.5	20.1	.0	1.4
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.7	6.6	5.8	.1	.9
WOOD CONTAINERS	1.5	1.5	1.5	0	0
FURNITURE AND FIXTURES	20.4	20.3	20.6	.1	-.2
HOUSEHOLD AND OFFICE FURNITURE	19.6	19.5	19.8	.1	-.2
STONE, CLAY & GLASS PRODUCTS	13.5	13.1	12.3	.4	1.2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.0	5.7	.1	.4
PRIMARY METAL INDUSTRIES	6.6	6.3	6.5	.3	.1
FABRICATED METAL PRODUCTS	13.6	13.6	13.9	0	-.3
FABRICATED STRUCTURAL METAL PRODUCTS	7.9	7.9	8.0	0	-.1
MACHINERY EXCEPT ELECTRICAL	10.8	11.1	10.5	-.3	.3
CONSTRUCTION AND RELATED MACHINERY	2.6	2.7	2.5	-.1	.1
SPECIAL INDUSTRY MACHINERY	0.8	0.8	0.8	0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	22.9	22.9	23.2	0	-.3
COMMUNICATION EQUIPMENT	10.0	10.0	9.8	0	.2
TRANSPORTATION EQUIPMENT	38.3	38.2	37.9	.1	.4
INSTRUMENTS & RELATED PRODUCTS	2.6	2.6	2.6	.0	0
MISC. MANUFACTURING INDUSTRIES	2.9	2.9	2.8	0	.1
NONDURABLE GOODS	170.5	168.4	167.7	2.1	2.8
FOOD & KINDRED PRODUCTS	27.9	27.1	27.9	.8	0
MEAT PRODUCTS	11.7	11.5	11.2	.2	.5
DAIRY PRODUCTS	1.3	1.3	1.3	0	0
BEVERAGES	2.2	2.2	2.3	0	-.1
TOBACCO MANUFACTURES	8.6	8.3	9.5	.3	-.9
TEXTILE MILL PRODUCTS	39.8	39.4	37.7	.4	2.1
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	12.8	12.7	13.1	.1	-.3
NARROW FABRIC MILLS	1.1	1.1	0.9	0	.2
KNITTING MILLS	18.7	18.6	16.2	.1	2.5
TEXTILE FINISHING EXCEPT WOOL	2.7	2.6	3.0	.1	-.3
MISC. TEXTILE GOODS	1.2	1.2	1.2	0	0
APPAREL & OTHER TEXTILE PRODUCTS	26.9	27.0	26.7	-.1	.2
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.4	9.4	9.5	0	-.1
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.5	14.6	14.0	-.3	.5
PAPER & ALLIED PRODUCTS	12.1	12.0	11.9	.1	.2
PULP, PAPER & PAPERBOARD	5.6	5.5	5.4	.1	.2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.2	6.2	6.1	0	.1
PAPERBOARD CONTAINERS AND BOXES	3.3	3.3	3.2	0	.1
PRINTING AND PUBLISHING	17.4	17.4	17.3	0	.1
NEWSPAPER AND PERIODICALS	4.1	4.0	3.8	.1	.3
COMMERCIAL PRINTING	9.1	9.3	9.5	-.2	-.4
CHEMICALS & ALLIED PRODUCTS	22.5	22.4	21.9	.1	.6
PLASTICS MATERIALS AND SYNTHETICS	13.6	13.5	13.3	.1	.3
MISC. CHEMICAL PRODUCTS	3.5	3.5	3.3	0	.2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.9	13.1	12.1	-.2	.8
MISC. PLASTICS PRODUCTS	7.8	8.1	7.2	-.3	.6
LEATHER & LEATHER PRODUCTS	2.3	1.7	2.6	.6	-.3

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG 1986	JULY 1986	AUG 1985	JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	29.8	29.9	28.7	-.1	1.1
MANUFACTURING	9.6	9.8	9.2	-.2	.4
DURABLE GOODS	4.7	4.9	4.8	-.2	-.1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	.1	.1	.2	.0	-.1
STONE, CLAY & GLASS PRODUCTS	.4	.4	.3	.0	.1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	1.9	2.0	2.0	-.1	-.1
FABRICATED METAL PRODUCTS	1.5	1.6	1.6	-.1	-.1
MACHINERY & TRANSPORTATION EQUIPMENT	2.3	2.3	2.1	.0	.2
OTHER DURABLE GOODS	.1	.1	.1	.0	.0
NONDURABLE GOODS	4.9	4.9	4.5	.0	.4
FOOD & KINDRED PRODUCTS	1.6	1.6	1.7	.0	-.1
TEXTILE MILL PRODUCTS	.1	.1	.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.1	1.7	.0	.4
PAPER & ALLIED PRODS & PRINTING & PUBLISHING	.5	.5	.5	.0	.0
OTHER NONDURABLE GOODS	.6	.6	.5	.0	.1
NONMANUFACTURING	20.2	20.1	19.5	.1	.7
MINING	.0	.0	.1	.0	-.1
CONSTRUCTION	1.6	1.6	1.5	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.1	1.1	.0	.0
WHOLESALE & RETAIL TRADE	7.6	7.6	7.3	.0	.3
WHOLESALE TRADE	1.5	1.5	1.4	.0	.1
RETAIL TRADE	6.1	6.1	6.0	.0	.1
FINANCE, INSURANCE AND REAL ESTATE	1.0	.9	1.0	.1	.0
SERVICES	4.1	4.1	3.9	.0	.2
GOVERNMENT	4.8	4.7	4.6	.1	.2
FEDERAL GOVERNMENT	.4	.4	.4	.0	.0
STATE & LOCAL GOVERNMENT	4.4	4.4	4.2	.0	.2

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-6.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG 1986	JULY 1986	AUG 1985	JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	71.4	70.9	69.3	.5	2.1
MANUFACTURING	24.3	23.7	24.6	.6	-.3
DURABLE GOODS	15.6	15.3	15.9	.3	-.3
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.0	3.0	3.0	.0	.0
OTHER DURABLE GOODS	12.5	12.3	12.9	.2	-.4
NONDURABLE GOODS	8.7	8.4	8.7	.3	.0
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	.0	.0
TEXTILE MILL PRODUCTS	1.7	1.7	1.8	.0	-.1
APPAREL & OTHER TEXTILE PRODUCTS	1.2	1.2	1.1	.0	.1
PAPER & ALLIED PRODUCTS	1.0	1.0	1.0	.0	.0
OTHER NONDURABLE GOODS	3.4	3.1	3.5	.3	-.1
NONMANUFACTURING	47.1	47.2	44.6	-.1	2.5
MINING	.1	.1	.1	.0	.0
CONSTRUCTION	3.3	3.3	2.9	.0	.4
TRANSPORTATION & PUBLIC UTILITIES	3.0	3.1	3.0	-.1	.0
WHOLESALE & RETAIL TRADE	13.7	13.7	13.1	.0	.6
WHOLESALE TRADE	2.5	2.5	2.4	.0	.1
RETAIL TRADE	11.2	11.2	10.7	.0	.5
FINANCE, INSURANCE AND REAL ESTATE	3.7	3.6	3.5	.1	.2
SERVICES	12.5	12.5	12.3	.0	.2
GOVERNMENT	10.8	11.0	9.9	-.2	.9
FEDERAL GOVERNMENT	.5	.5	.5	.0	.0
STATE & LOCAL GOVERNMENT	10.4	10.5	9.4	-.1	1.0

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG 1986	JULY 1986	AUG 1985	NET CHANGE FROM JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	534 3	533 5	516 2	8	18 1
MANUFACTURING	68 2	68 2	69 0	0	- 8
DURABLE GOODS	50 3	50 3	50 6	0	- 3
LUMBER AND WOOD PRODUCTS	2 0	1 9	1 8	1	2
STONE, CLAY & GLASS PRODUCTS	2 7	2 8	2 6	- 1	1
FABRICATED METAL PRODUCTS	1 5	1 4	1 5	1	0
MACHINERY EXCEPT ELECTRICAL	2 0	2 1	2 2	- 1	- 2
ELECTRIC & ELECTRONIC EQUIPMENT	2 1	2 1	2 2	0	- 1
TRANSPORTATION EQUIPMENT	37 3	37 3	37 7	0	- 4
OTHER DURABLE GOODS	2 7	2 7	2 6	0	1
NONDURABLE GOODS	17 9	17 9	18 3	0	- 4
FOOD & KINDRED PRODUCTS	7 7	7 6	7 6	1	1
APPAREL & OTHER TEXTILE PRODUCTS	1 1	1 1	1 2	0	- 1
PRINTING AND PUBLISHING	4 4	4 5	4 2	- 1	2
CHEMICALS & ALLIED PRODUCTS	1 8	1 7	2 0	1	- 2
OTHER NONDURABLE GOODS	2 9	2 9	3 3	0	- 4
NONMANUFACTURING	466 0	465 2	447 2	8	18 8
MINING	0 1	0 1	0 1	0	0
CONSTRUCTION	39 1	39 3	35 2	- 2	3 9
TRANSPORTATION & PUBLIC UTILITIES	24 9	24 9	25 5	0	- 6
RAILROAD TRANSPORTATION	1 9	1 9	2 0	0	- 1
WHOLESALE & RETAIL TRADE	131 2	131 4	125 8	- 2	5 4
WHOLESALE TRADE	21 4	21 4	20 8	0	6
RETAIL TRADE	109 8	110 0	105 0	- 2	4 8
FINANCE, INSURANCE AND REAL ESTATE	23 9	23 6	23 7	3	2
BANKING	6 1	6 1	6 1	0	0
INS CARRIERS, AGENTS, BROKERS, & SERVICES	4 1	4 1	4 0	0	1
SERVICES	126 7	126 2	119 9	5	6 8
PERSONAL SERVICES	6 0	5 9	6 7	1	- 7
GOVERNMENT	120 1	119 7	117 0	4	3 1
FEDERAL GOVERNMENT	55 4	55 6	56 2	- 2	- 8
STATE & LOCAL GOVERNMENT	64 6	64 2	60 8	4	3 8

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; primary metal; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; textile mill products; paper and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-8.
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS AUG 1986	JULY 1986	AUG 1985	NET CHANGE FROM JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	655 7	659 6	626 0	- 3 9	29 7
MANUFACTURING	32 7	32 7	31 9	0	8
DURABLE GOODS	20 2	20 0	19 8	2	4
STONE, CLAY & GLASS PRODUCTS	1 6	1 6	1 5	0	1
FABRICATED METAL PRODUCTS	1 1	1 1	1 1	0	0
MACHINERY, EXCEPT ELECTRICAL	1 9	1 9	1 8	0	1
ELECTRIC & ELECTRONIC EQUIPMENT	12 7	12 5	12 8	2	- 1
OTHER DURABLE GOODS	2 9	2 8	2 6	1	3
NONDURABLE GOODS	12 4	12 7	12 1	- 3	3
FOOD & KINDRED PRODUCTS	1 2	1 3	1 2	- 1	0
PRINTING AND PUBLISHING	8 9	9 2	8 7	- 3	2
OTHER NONDURABLE GOODS	2 3	2 3	2 2	0	1
NONMANUFACTURING	623 1	626 9	594 1	- 3 8	29 0
MINING	0 6	0 6	0 6	0	0
CONSTRUCTION	49 2	49 5	44 8	- 3	4 4
TRANSPORTATION & PUBLIC UTILITIES	45 6	45 5	43 9	1	1 7
TRANSPORTATION BY AIR	13 9	13 5	12 4	4	1 5
ELECTRIC, GAS & SANITARY SERVICES	4 1	4 1	4 1	0	0
WHOLESALE & RETAIL TRADE	153 9	154 8	143 7	- 9	10 2
WHOLESALE TRADE	30 8	30 7	28 8	1	2 0
RETAIL TRADE	123 1	124 2	114 9	- 11	8 2
GENERAL MERCHANDISE STORES	15 1	15 2	13 5	- 1	1 6
FOOD STORES	15 5	15 4	14 8	1	7
AUTOMOTIVE DEALERS AND SERVICE STATIONS	16 1	15 9	15 2	2	9
APPAREL & ACCESSORY STORES	7 7	7 9	7 3	- 2	4
FINANCE, INSURANCE AND REAL ESTATE	41 7	41 8	38 2	- 1	3 5
BANKING	6 7	6 6	6 6	1	1
SERVICES	194 9	195 1	188 4	- 2	6 5
BUSINESS SERVICES	80 3	80 2	78 6	1	1 7
GOVERNMENT	137 1	139 5	134 6	- 2 4	2 5
FEDERAL GOVERNMENT	72 2	73 1	72 9	- 9	- 7
STATE & LOCAL GOVERNMENT	64 9	66 4	61 6	- 1 5	3 3

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; transportation equipment; instruments and related products; and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco; textile mill products; apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG 1986	JULY 1986	AUG 1985	JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	402.3	403.8	401.5	-1.5	.8
MANUFACTURING	61.6	61.4	62.8	.2	-1.2
DURABLE GOODS	17.8	17.9	18.4	-.1	-.6
LUMBER AND WOOD PRODUCTS	2.1	2.1	2.0	0	.1
FURNITURE AND FIXTURES	0.9	0.9	1.0	0	-.1
STONE, CLAY & GLASS PRODUCTS	1.5	1.4	1.5	.1	0
FABRICATED METAL PRODUCTS	1.8	1.8	1.8	0	0
FABRICATED STRUCTURAL METAL PRODUCTS	1.2	1.2	1.2	0	0
MACHINERY EXCEPT ELECTRICAL	2.4	2.4	2.4	0	0
OTHER DURABLE GOODS	9.0	9.2	9.6	-.2	-.6
NONDURABLE GOODS	43.8	43.6	44.4	.2	-.6
FOOD & KINDRED PRODUCTS	4.1	4.0	4.1	.1	0
TOBACCO MANUFACTURES	12.6	12.3	13.6	.3	-1.0
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.0	2.0	0	0
PAPER & ALLIED PRODUCTS	5.1	5.1	5.0	0	.1
PRINTING AND PUBLISHING	6.7	6.7	6.7	0	0
COMMERCIAL PRINTING	3.8	3.8	3.8	0	0
CHEMICALS & ALLIED PRODUCTS	10.4	10.5	10.1	-.1	.3
OTHER NONDURABLE GOODS	3.0	3.0	2.8	0	.2
NONMANUFACTURING	340.6	342.4	338.7	-1.8	1.9
MINING	0.4	0.4	0.3	0	.1
CONSTRUCTION	24.9	24.8	25.1	.1	-.2
TRANSPORTATION & PUBLIC UTILITIES	22.1	21.8	21.5	.3	.6
WHOLESALE & RETAIL TRADE	98.2	98.7	96.5	-.5	1.7
WHOLESALE TRADE	24.6	24.6	24.8	0	-.2
RETAIL TRADE	73.6	74.1	71.7	-.5	1.9
GENERAL MERCHANDISE STORES	13.0	13.0	12.5	0	.5
FOOD STORES	11.1	11.2	10.9	-.1	.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.2	8.1	8.3	.1	-.1
FINANCE, INSURANCE AND REAL ESTATE	35.0	34.9	32.4	.1	2.6
INS CARRIERS, AGENTS, BROKERS, & SERVICES	12.7	12.6	12.2	.1	.5
SERVICES	81.9	83.0	79.9	-1.1	2.0
HEALTH SERVICES	19.9	20.0	19.3	-.1	.6
GOVERNMENT	78.3	78.7	82.8	-.4	-4.5
FEDERAL GOVERNMENT	15.8	15.8	16.0	0	-.2
STATE & LOCAL GOVERNMENT	62.5	62.9	66.8	-.4	-4.3

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-10.

ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	AUG 1986	JULY 1986	AUG 1985	JULY 1986	AUG 1985
TOTAL NONAGRICULTURAL	115.1	115.2	113.6	-.1	1.5
MANUFACTURING	20.6	20.5	20.8	.1	-.2
DURABLE GOODS	11.9	12.0	12.1	-.1	-.2
FURNITURE AND FIXTURES	1.6	1.6	1.7	0	-.1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.5	2.5	2.6	0	-.1
FABRICATED METAL PRODUCTS	1.7	1.7	1.8	0	-.1
FABRICATED STRUCTURAL METAL PRODUCTS	1.1	1.1	1.2	0	-.1
MACHINERY EXCEPT ELECTRICAL	1.6	1.7	1.7	-.1	-.1
OTHER DURABLE GOODS	6.2	6.2	6.0	0	.2
NONDURABLE GOODS	8.6	8.6	8.8	0	-.2
FOOD & KINDRED PRODUCTS	1.7	1.7	1.9	0	-.2
TEXTILE MILL PRODUCTS	1.6	1.5	1.5	.1	.1
APPAREL & OTHER TEXTILE PRODUCTS	1.5	1.5	1.5	0	0
PRINTING AND PUBLISHING	1.1	1.1	1.1	0	0
OTHER NONDURABLE GOODS	2.7	2.7	2.8	0	-.1
NONMANUFACTURING	94.5	94.7	92.8	-.2	1.7
MINING	0.2	0.2	0.1	0	.1
CONSTRUCTION	7.7	7.8	7.4	-.1	.3
TRANSPORTATION & PUBLIC UTILITIES	9.7	9.7	9.5	0	.2
WHOLESALE & RETAIL TRADE	29.9	29.8	28.7	.1	1.2
WHOLESALE TRADE	8.5	8.4	8.0	.1	.5
RETAIL TRADE	21.4	21.4	20.7	0	.7
FINANCE, INSURANCE AND REAL ESTATE	7.0	6.9	6.8	.1	.2
SERVICES	26.6	26.6	25.7	0	.9
GOVERNMENT	13.5	13.7	14.5	-.2	-1.0
FEDERAL GOVERNMENT	3.4	3.4	3.3	0	.1
STATE & LOCAL GOVERNMENT	10.1	10.4	11.2	-.3	-1.1

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985
MANUFACTURING	$357.94	$355.20	$342.80	40.4	40.0	40.0	$8.86	$8.88	$8.57
DURABLE GOODS	365.62	362.44	342.95	41.5	41.0	40.3	8.81	8.84	8.51
LUMBER AND WOOD PRODUCTS	267.56	255.17	238.39	41.1	39.5	37.9	6.51	6.46	6.29
FURNITURE AND FIXTURES	224.07	221.36	217.95	39.8	39.6	39.2	5.63	5.59	5.56
HOUSEHOLD AND OFFICE FURNITURE	220.57	217.88	216.06	39.6	39.4	39.0	5.57	5.53	5.54
STONE, CLAY & GLASS PRODUCTS	344.06	340.20	312.77	42.9	42.0	41.1	8.02	8.10	7.61
PRIMARY METAL INDUSTRIES	455.17	428.80	395.43	45.7	43.8	41.8	9.96	9.79	9.46
FABRICATED METAL PRODUCTS	408.90	395.12	386.38	43.5	41.9	42.6	9.40	9.43	9.07
FABRICATED STRUCTURAL METAL PRODUCTS	359.21	349.71	347.01	43.7	42.7	43.0	8.22	8.19	8.07
MACHINERY EXCEPT ELECTRICAL	375.25	371.73	345.59	40.7	40.1	38.7	9.22	9.27	8.93
CONSTRUCTION AND RELATED MACHINERY	372.41	361.43	328.52	40.7	39.5	38.2	9.15	9.15	8.60
SPECIAL INDUSTRY MACHINERY	393.51	389.22	373.46	39.0	39.0	39.9	10.09	9.98	9.36
ELECTRIC & ELECTRONIC EQUIPMENT	359.50	352.74	345.74	39.9	39.5	39.2	9.01	8.93	8.82
COMMUNICATION EQUIPMENT	357.06	354.71	344.82	40.3	40.4	38.7	8.86	8.78	8.91
INSTRUMENTS & RELATED PRODUCTS	242.63	231.20	246.82	37.5	35.9	41.0	6.47	6.44	6.02
MISC. MANUFACTURING INDUSTRIES	294.74	290.54	281.11	40.1	39.8	40.8	7.35	7.30	6.89
NONDURABLE GOODS	350.66	348.77	342.61	39.4	39.1	39.7	8.90	8.92	8.63
FOOD & KINDRED PRODUCTS	321.47	327.13	308.80	39.3	39.7	38.6	8.18	8.24	8.00
TEXTILE MILL PRODUCTS	275.52	256.36	265.18	39.7	37.1	38.6	6.94	6.91	6.87
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	302.94	294.77	289.22	41.9	41.4	41.2	7.23	7.12	7.02
KNITTING MILLS	248.66	225.92	238.39	36.3	32.6	34.3	6.85	6.93	6.95
MISC. TEXTILE GOODS	306.01	274.11	288.90	43.1	39.9	42.8	7.10	6.87	6.75
APPAREL & OTHER TEXTILE PRODUCTS	187.09	190.61	202.37	35.3	36.1	37.2	5.30	5.28	5.44
MENS & BOYS SUITS, COATS AND FURNISHINGS	181.90	192.77	212.63	34.0	35.5	37.7	5.35	5.43	5.64
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	177.86	179.42	186.94	35.5	36.1	36.8	5.01	4.97	5.08
PAPER & ALLIED PRODUCTS	472.60	477.83	450.50	42.5	43.4	42.3	11.12	11.01	10.65
PULP, PAPER & PAPERBOARD	591.36	587.42	543.82	44.0	44.3	41.8	13.44	13.26	13.01
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	370.46	385.20	372.36	41.3	42.8	42.8	8.97	9.00	8.70
PRINTING AND PUBLISHING	414.46	411.43	389.67	40.2	40.1	39.4	10.31	10.26	9.89
NEWSPAPER AND PERIODICALS	332.05	333.20	316.89	35.1	35.0	34.9	9.46	9.52	9.08
CHEMICALS & ALLIED PRODUCTS	467.65	478.58	441.17	39.8	40.8	40.4	11.75	11.73	10.92
PLASTICS MATERIALS AND SYNTHETICS	477.41	496.92	467.12	39.1	41.0	40.2	12.21	12.12	11.62
LEATHER & LEATHER PRODUCTS	155.01	171.42	179.65	31.7	35.2	40.1	4.89	4.87	4.48

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985
MANUFACTURING	$295.42	$303.64	$290.69	39.6	39.9	38.4	$7.46	$7.61	$7.57
DURABLE GOODS	359.68	368.46	347.69	41.2	41.4	39.6	8.73	8.90	8.78
FABRICATED METAL PRODUCTS	436.36	432.80	448.63	41.4	40.6	44.2	10.54	10.66	10.15
MACHINERY & TRANSPORTATION EQUIPMENT	324.24	341.51	290.52	41.2	41.8	35.3	7.87	8.17	8.23
NONDURABLE GOODS	227.40	231.49	222.88	37.9	38.2	36.9	6.00	6.06	6.04
FOOD & KINDRED PRODUCTS	260.88	270.87	249.01	37.7	39.2	37.0	6.92	6.91	6.73
APPAREL & OTHER TEXTILE PRODUCTS	200.34	200.91	192.10	37.1	37.0	34.8	5.40	5.43	5.52

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,100 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985
MANUFACTURING	$349.38	$331.57	$325.44	41.2	39.9	39.4	$8.48	$8.31	$8.26
DURABLE GOODS	359.48	336.04	335.87	41.8	40.1	39.1	8.60	8.38	8.59
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	199.29	205.84	188.72	36.3	37.7	34.5	5.49	5.46	5.47
NONDURABLE GOODS	332.43	325.12	310.82	40.1	39.6	39.9	8.29	8.21	7.79
FOOD & KINDRED PRODUCTS	329.64	334.51	350.43	41.0	41.4	40.7	8.04	8.08	8.61
TEXTILE MILL PRODUCTS	305.93	275.42	270.96	40.9	39.8	39.1	7.48	6.92	6.93
APPAREL & OTHER TEXTILE PRODUCTS	170.28	152.08	158.88	34.4	30.6	33.1	4.95	4.97	4.80
PAPER & ALLIED PRODUCTS	454.80	495.87	471.50	43.9	46.3	46.0	10.36	10.71	10.25

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,900 production workers.

See footnote Table C-1.
'1985 data not comparable to prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985
MANUFACTURING	$394.42	$387.98	$351.35	41.3	41.1	39.7	$9.55	$9.44	$8.85
DURABLE GOODS	388.45	384.57	339.08	42.5	42.4	41.1	9.14	9.07	8.25
STONE, CLAY & GLASS PRODUCTS	453.56	441.08	326.28	46.0	45.1	42.1	9.86	9.78	7.75
FABRICATED METAL PRODUCTS	380.80	374.14	362.56	41.8	40.8	40.6	9.11	9.17	8.93
ELECTRIC & ELECTRONIC EQUIPMENT	358.48	348.99	314.31	41.3	41.3	40.4	8.68	8.45	7.78
NONDURABLE GOODS	400.93	392.21	368.77	39.5	39.3	37.9	10.15	9.98	9.73
FOOD & KINDRED PRODUCTS	321.58	327.22	284.21	39.8	40.1	37.2	8.08	8.16	7.64

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985
MANUFACTURING	$455.87	$462.43	$432.82	40.2	40.6	41.3	$11.34	$11.39	$10.48
DURABLE GOODS	360.29	363.21	345.27	41.7	41.7	41.8	8.64	8.71	8.26
LUMBER AND WOOD PRODUCTS	253.54	237.77	249.83	41.7	39.3	43.0	6.08	6.05	5.81
FURNITURE AND FIXTURES	267.49	265.56	241.90	41.6	41.3	45.3	6.43	6.43	5.34
FABRICATED METAL PRODUCTS	317.46	312.80	395.59	39.0	39.1	42.4	8.14	8.00	9.33
FABRICATED STRUCTURAL METAL PRODUCTS	328.40	330.48	379.70	40.0	40.7	44.1	8.21	8.12	8.61
NONDURABLE GOODS	493.42	502.90	467.21	39.6	40.2	41.2	12.46	12.51	11.34
FOOD & KINDRED PRODUCTS	358.75	343.42	317.17	40.4	38.5	39.4	8.88	8.92	8.05
APPAREL & OTHER TEXTILE PRODUCTS	178.39	196.01	210.66	32.2	36.5	36.7	5.54	5.37	5.74
PAPER & ALLIED PRODUCTS	480.38	477.80	458.32	43.2	44.2	43.9	11.12	10.81	10.44
PRINTING AND PUBLISHING	440.37	452.51	439.10	40.7	41.1	41.7	10.82	11.01	10.53
CHEMICALS & ALLIED PRODUCTS	*536.06	574.49	501.50	38.4	40.4	42.5	13.96	14.22	11.80

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,500 production workers.

See footnote Table C-1.
*1985 data not comparable to prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG. 1985	AUG. 1986	JULY 1986	AUG.. 1985
MANUFACTURING	$333.34	$326.41	$310.72	40.8	40.1	41.1	$8.17	$8.14	$7.56
DURABLE GOODS	353.18	341.65	317.10	41.6	40.1	42.0	8.49	8.52	7.55
FABRICATED METAL PRODUCTS	334.71	309.73	302.40	43.3	40.7	42.0	7.73	7.61	7.20
FABRICATED STRUCTURAL METAL PRODUCTS	349.57	310.91	302.99	46.3	42.3	43.1	7.55	7.35	7.03
NONDURABLE GOODS	306.88	306.32	303.96	39.7	40.2	40.1	7.73	7.62	7.58
FOOD & KINDRED PRODUCTS	340.66	376.87	369.32	40.7	44.6	43.5	8.37	8.45	8.49
TEXTILE MILL PRODUCTS	274.73	254.23	250.34	40.7	39.6	39.8	6.75	6.42	6.29

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,700 production workers.

See footnote Table C-1.

Table C-7.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.7	200.9	202.9	195.4	7.7%
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6						

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 43.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.8 percent adjustment in benchmark levels for the first quarter 1985 benchmark.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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